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🔍 Title: **JP2001307688A2: PACKING MATERIAL FOR LITHIUM ION BATTERY**

🌐 Country: **JP Japan**

🔍 Kind: **A2 Document Laid open to Public inspection**

🔍 Inventor: **YAMASHITA RIKIYA;
OKUSHITA MASATAKA;
YAMADA KAZUKI;
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🔍 Assignee: **DAINIPPON PRINTING CO LTD**
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🔍 Published / Filed: **2001-11-02 / 2000-04-19**

🔍 Application Number: **JP2000000118300**

🔍 IPC Code: **H01M 2/02; H01M 10/40;**

🔍 Priority Number: **2000-04-19 JP2000000118300**

🔍 Abstract: **PROBLEM TO BE SOLVED:** To provide a manufacturing method of a packing material for a lithium ion battery that is used as a material for packing a lithium ion battery, and that has excellent protective physical properties of the lithium ion battery main body and improved productivity in an emboss molding process or the like.

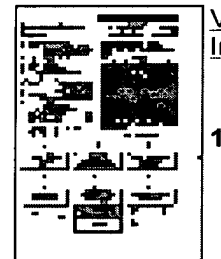
SOLUTION: This packing material for a lithium ion battery is composed of at least a base-material layer, an adhesive layer, aluminum, a conversion treatment layer and a sealant layer, and the resin constituting the sealant layer comprises 0.5 weight % to 10 weight % of one, or two and more of such agents as fluid paraffin, a fatty-acid-ester-system lubricant, a dispersing agent consisting of polyester-system surfactants, and a polyglycerin-ester-system additive. The conversion treatment is potassium chromate treatment, and the resin constituting the sealant layer is random propylene, linear low-density polyethylene and medium-density polyethylene. The sealant layer has a multilayer structure composed of two or more layers, and the innermost resin layer of the sealant layer with the multilayer structure contains the additive.

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References:

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PDF	Patent	Pub.Date	Inventor	Assignee	Title
	US6586912	2003-07-01	Tsukamoto; Hisashi	Quallion LLC	Method and apparatus for amplitude limiting battery temperature spikes

Other Abstract
Info:

CHEMABS 135(16)229378H DERABS C2001-570760



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(30) Priority:

(43) Date of application publication: **02.11.01**

(84) Designated contracting states:

(71) Applicant: **DAINIPPON PRINTING CO L**(72) Inventor: **YAMASHITA RIKIYA
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(74) Representative:

**(54) PACKING MATERIAL
FOR LITHIUM ION
BATTERY**

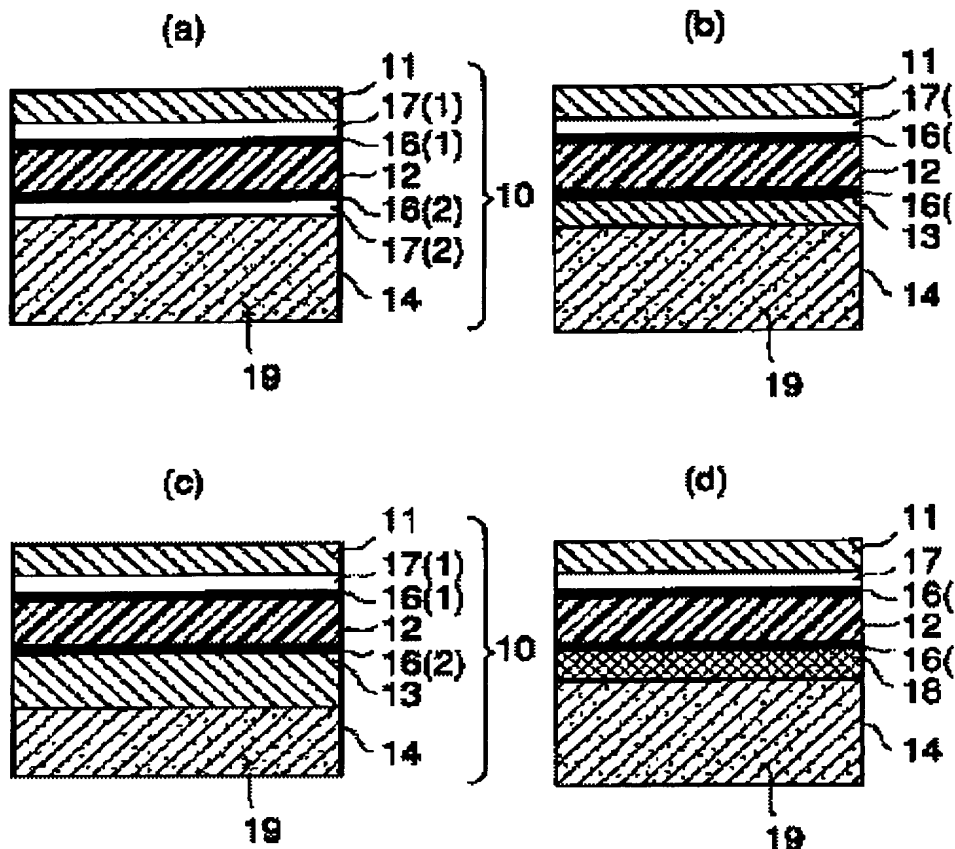
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